

Q 1

What is the main source of carbohydrates for animals?

A

Glucose

B

starch

C

sucrose

D

glycogen

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Q 2

The best function of coelom is described as

A

To increase the size of the animals

B

To help in the functioning of reproductive system

C

To provide space for the development of organs and systems

D

all of these

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Q 3

The floor of the chest is called:

A

alveoli

B

trachea

C

diaphragm

D

bronchi

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Q 4

Pancreatic zymogens are only activated when they reached at?

A

stomach

B

pancreas

C

small intestine

D

large intestine

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Q 5

Haemolymph is present in:

A

Amphibians

B

Reptiles

C

Fish

D

None of the above.

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Q 6

Irreversible modifications require the synthesis of which of the following?

A

enzymes

B

carbohydrates

C

vitamins

D

proteins

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Q 7

What is the size of Parvovirus?

A

200 nm

B

20nm

C

30 nm

D

100 nm

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Q 8

The loss of liquid via the hydathodes is called:

A

ascent of sap

B

plasmolysis

C

imbibition

D

guttation

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Q 9

Which method is of asexual reproduction?

A

sporulation

B

fission

C

apomixis

D

all of these

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Q 10

Secondary cell wall of sclerenchyma cells is impregnated with?

A

cellulose

B

lignin

C

murein

D

pectin

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Q 11 The lighter, inner section of the brain is called:

A white matter

B Gray matter

C Reflex arc

D Medulla

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Q 12

Compound Microscope was first used by

A

A.V. Leeuwenhoek

B

Pasteur

C

Janssen and Hans

D

None of these

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Q 13

The movement of genes from one species to another is?

A

penetrance

B

expressivity

C

codominance

D

linkage

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Q 14

If an individual does not reproduce then it's degree of fitness is?

A

100

B

50

C

40

D

0

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Q 15

Reflex action is controlled by:

A

Peripheral nervous system

B

Central nervous system

C

autonomic nervous system

D

Circulatory system

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Q 16

What is the color of Xanthophyll pigment?

A

Yellow

B

Red

C

Orange

D

Green

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Q 17 Function of Smooth Endoplasmic Reticulum (SER) is _____.

A Synthesis of intracellular proteins.

B Synthesis of extracellular proteins.

C Synthesis of extracellular enzymes.

D Synthesis of lipids.

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Q 18

Proteins and lipids are converted into glycolipids and glycoproteins by adding carbohydrates by?

A

ribosomes

B

cytoplasm

C

golgi apparatus

D

endoplasmic reticulum

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Q 19

Which of the following is a oviparous animal?

A

pidgeon

B

elephant

C

sheep

D

humans

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Q 20

Interneuron is also known as:

A

Relay neuron

B

Sensory neuron

C

Mixed neuron

D

Synapse

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Q 21

The number of stages involved in heart beat is

A

2

B

3

C

4

D

5

20

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Q 22

An activated enzyme consisting of polypeptide chain and a cofactor is called?

A

Apoenzyme

B

Holoenzyme

C

Activated enzyme

D

both b and c

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Q 23

Which of the following is the respiratory surface in human beings?

A

Lungs

B

alveoli

C

Windpipe

D

alveolar duct

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Q 24

How is the Hepatitis A virus transmitted?

A

Feaces

B

Sexual contact

C

blood

D

all

23

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Q 25

Which structural organization is most common in globular proteins?

A primary structure

B secondary structure

C tertiary structure

D quaternary structure

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Q 26

Which of the following best describes a coenzyme?

A

Covalently bonded non-protein part of an enzyme

B

cofactor consists of metal ions

C

Loosely bonded non-protein part of an enzyme

D

both a and b

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Q 27

Which scientist does not match his achievements in the following options?

A

Lamarck published his theory of evolution

B

Lyell published principles of geology

C

Malthus published essay on principle of population

D

Cuvier published papers on inheritance

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Q 28

A behaviour of the ditect and move in response to chemical signals is termed as

A

chemotaxis

B

chemonolysis

C

chemography

D

chemospytheses

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Q 29

The nerves that are responsible for innervating muscle fibers are called

A

sensory nerves

B

motoneurons

C

Cranial nerves

D

Optic nerve

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Q 30

Molecular formula of chlorophyll b is?

A

 $C_{55}H_{10}O_4N_6Mg$

B

 $C_{55}H_{70}O_6N_5Mg$

C

 $C_{55}H_{71}O_6N_4Mg$

D

 $C_{55}H_{70}O_6N_4Mg$

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Q 31

What type of bonding in proteins maintains the integrity of the helical secondary structure?

A Hydrogen bonds

B ionic bonds

C disulfide linkages

D both a and b

30

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Q 32

In the process of esterification OH is derived from?

A

ether

B

alcohol

C

water

D

both a and b

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Q 33

The medulla oblongata is found on which of the following regions?

A

top of brain

B

behind the thalamus

C

behind the hypothalamus

D

top of spinal cord

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Q 34

The types of gametes produced by two pairs of chromosomes can be?

A

2

B

4

C

6

D

8

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Q 35

Which chemical reactions occur during the process of photosynthesis?

A

Oxidation

B

reduction

C

both a and b

D

none of these

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Q 36

A woman receives her X chromosome from:

A

Her mother only

B

Both her mother and her father

C

Her father only

D

Extra nuclear DNA in her mother's egg

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Q 37

Sertoli cells are responsible for which of the following?

A

Provide liquid medium to cells in testes

B

Provide protection and nourishment to cells

C

Secrete testosterone

D

both a and b

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Q 38

The length of the following is reduced when the muscle contracts:

A

H-zone

B

I-band

C

sarcomere

D

Both A & B

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Q 39

The fibrous bands that are stretched across the voice box are known as

A

Voice box

B

bronchioles

C

Vocal cords

D

Vocal duct

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Q 40

Sensory areas that receive impulses from the skin are contained by which of the following?

A frontal lobe

B parietal lobe

C occipital lobe

D temporal lobe

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Q 41

Which of the following is the best description of a bacteriophage?

A

fungus

B

prokaryote

C

living organism

D

obligate intracellular parasite

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Q 42

Polychaeta have which of the following organs?

A

tentacles

B

palps

C

eyes

D

all of these

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Q 43

The researcher notices that round seeds occur naturally in the environment. Based solely on this information, what can the researcher conclude about the round phenotype?

A It is dominant

B It is recessive

C It is wild type

D both a and b

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Q 44

The fluidity of the plasma membrane increases with which of the following?

A

Increase in saturated fatty acids in the membrane

B

Increase in glycolipid content in the membrane

C

Increase in phospholipid content in the membrane

D

Increase in unsaturated fatty acids in the membrane

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Q 45

Excretory system of platyhelminthes consists of which of the following?

A

Nephridia

B

flame cells

C

malpighian tubules

D

nephrons

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Q 46

Which is the largest cell in the human body?

A

macrophage

B

ovum

C

granule cell

D

none of these

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Q 47

The specific location of gene and DNA sequence on a chromosome is called?

A

population

B

locus

C

allele

D

none of these

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Q 48

Changes in sarcomere length are due to the filaments pulled along the thick filaments in the direction of the:

A H zone

B M line

C Z line

D I band

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Q 49

The best definition of natural selection is?

A

survival of the fittest

B

the most fit individuals adapt to their environment better than less fit individuals

C

those who eat better, are healthier, and live longer are the most fit within a population

D

preservation of traits that lead to increased survival and reproduction

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Q 50

The ultimate source of all the change is?

A

migration

B

mutation

C

genetic drift

D

selection

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Q 51

Homology means

A similarity in characteristics resulting from common ancestors

B similarity in function from acquired characteristics

C study of similar organs but with different functions

D study of similar organs but with different functions

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Q 52

Which cell is the longest in the human body?

A

muscle cells

B

nerve cells

C

bone cells

D

gland cells

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Q 53

What type of inhibition effects both the Michaelis constant and the maximum reaction rate of an enzyme?

A Non-competitive inhibition

B Competitive inhibition

C Uncompetitive inhibition

D all of these

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Q 54

All of the following statements are true regarding the attachment or adsorption of the virion to the host cell EXCEPT that:

- A for naked virions, the surface capsid proteins are responsible for binding to a specific cell receptor.
- B for enveloped viruses, the spikes are responsible for binding to a specific cell receptor.
- C cell lacking a receptor for a specific virus is not infected by that virus.
- D All of the above

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Q 55

The process that does not occur during expiration is:

- A intercostal muscles are relaxed
- B ribs are relaxed
- C muscles of diaphragm are relaxed
- D Lungs are relaxed

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Q 56

The last common ancestor of humans is known to be which of the following?

A

Homo neanderthalensis

B

Lemuroidea

C

Dromaeosaurus

D

Pan troglodytes

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Q 57

Radial symmetry is found in which of the following organisms?

A

Coelenterata and Platyhelminthes

B

Arthropoda and Mollusca

C

Porifera and Coelenterata

D

Coelenterata and Echinodermata

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Q 58

Which of the following is a phospholipid?

A

sterol

B

cholesterol

C

lecithin

D

steroid

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Q 59

The follicle cells, after release of the egg, are modified to form a special structure called:

A

Endometrium

B

Perimetrium

C

Corpus luteum

D

None of these

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Q 60

Complete breakdown of glucose molecule takes place in which of the following?

A

Alcoholic fermentation

B

Lactic acid fermentation

C

aerobic respiration

D

none of these

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Q 61

Structures that were once functional in the past but no longer serve a purpose due to evolutionary adaptations and physiological changes are referred to as?

A

vestigial

B

analogous structures

C

homologous structures

D

none of these

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Q 62

Cnidaria is characterized by which of the following?

A

Tissue level of organization

B

Nematoblasts

C

Coelenteron

D

all of these

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Q 63

During transport of carbon dioxide, blood does not become acidic due to:

A

Blood buffer

B

Neutralization of H_2CO_3 by Na_2CO_3

C

Absorption by leukocytes

D

Non-accumulation

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Q 64

What is the chemical characteristic of auxins?

A Indole propionic acid

B Indole carboxylic acid.

C Indole acetaldehyde

D Indole acetic acid.

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Q 65

The optimum pH for the functioning of pancreatic lipase is?

A

8

B

9

C

7

D

6

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Q 66

What are the end products of the ETC in animals?

A

ATP

B

carbon dioxide

C

water

D

both a and c

65

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Q 67

Which brain part is responsible for our basic and primitive emotions?

A

Limbic system

B

Thalamus

C

hypothalamus

D

cerebrum

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Q 68

Where in a leaf mesophyll cell would you find DNA molecules?

A

Nucleus only

B

Nucleus & mitochondria only

C

Nucleus, mitochondria & chloroplasts only

D

Nucleus, mitochondria, chloroplasts & plasmids only

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Q 69

If Water is present on a cup placed on a table, what will be the system in this case?

A

Water

B

Water in cup

C

Whole table

D

All of these

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Q 70

When an electron is added, energy is released, so electron affinity is given the

A positive sign

B negative sign

C neutral

D delta sign

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Q 71

The break down of molecular ions from natural products give important information about

A

size

B

position

C

shape

D

structure

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Q 72 Isopentane is an example of _____?

A Aromatic compounds

B Branched chain compound

C Alicyclic compounds

D None of these

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Q 73

Alkali metals group lies in ____?

A

d-block

B

s-block

C

f-block

D

P-block

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Q 74

The equilibrium Constant is always written as a ratio of

A

Reactants over products

B

Products over reactants

C

Product times Reactants

D

None of these

73

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Q 75

With the increasing molecular mass of hydrocarbons, they changes from

A

gases to liquids

B

liquids to solids

C

both A & B

D

none of these

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Q 76

Melting point of crystalline solids are

A

Fixed

B

Variable

C

have a range of value

D

None of these

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Q 77

Conversion of Electrical energy into chemical energy is

A

Mechanical Energy

B

Electromechanical Energy

C

Electrochemistry

D

Chemical Energy

76

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Q 78

The substance that is attached to the enzyme at specific place and converted into product is called as?

A

Co-factor

B

Iso-zyme

C

Active site

D

Substrate

77

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Q 79

In which phase S_N2 reactions are favored?

A

Solid

B

Liquid

C

Gas

D

All of these

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Q 80

The strength of intermolecular forces in liquids, solids and gases depends directly on

A

speed of atoms

B

motion of particles

C

distance b/w molecules

D

all of these

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Q 81

At 0°C what is the physical state of water?

A

Ice

B

liquid

C

Vapour

D

Both ice and liquid

80

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Q 82

A peptide having up to 10000 amino acids is called as _____?

A

Dipeptide

B

Protein

C

Polypeptide

D

Peptide

81

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Q 83

Hydrolysis means reaction with

A

Oxygen

B

Hydrogen

C

Water

D

Air

82

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Q 84

Large hydrocarbons are converted into smaller hydrocarbons by a process called as?

A

Reforming

B

Distillation

C

Cracking

D

Decomposition

83

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Q 85

It is the fact that 22.414 dm³ of any gas has a different masses but the same number of _____

A

atoms

B

particles

C

molecules

D

none of these

84

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Q 86

What is the empirical formula for the following molecular formula C_5H_{12}

A

 C_5H_{12}

B

 C_5H_6

C

 CH_2

D

 $C_{2.5}H_6$

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Q 87

The boiling point of water is lower than HF because of ___ hydrogen bonding

A

strong

B

moderate

C

weak

D

constant

86

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Q 88

As Reaction proceeds the concentration of reactants

A

decreases

B

Remain unchanged

C

increases

D

cannot be predicted

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Q 89

Addition of ammonia and its derivative catalyze by_____?

A

Acid

B

Base

C

Oxidizing agents

D

Pd/C

88

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Q 90

Standard Electrode potential is measured at

A

273K

B

293K

C

298K

D

292K

89

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Q 91

Phenol is stronger acid then?

A

Carboxylic acids

B

Water

C

Acetic acid

D

None of these

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Q 92

How many classes of enzymes are there according to International union of Biochemistry ?

A

Four

B

Six

C

Five

D

Two

91

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Q 93

In which manner H-Bond is formed in HF molecule ?

A

Random

B

Zigzag

C

Tetrahedral

D

Linear

92

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Q 94

Melting and Boiling points depends on_____?

A

Number of electrons

B

Number of Unpaired electrons

C

Number of Paired electrons

D

Number of Protons

93

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Q 95

The hydrogen gas bubbling into one molar solution of HCl has a pressure of

A

2 atm

B

780 mmHg

C

19 Psi

D

1 atm

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Q 96

If a gas is warmed by 1 C, it will _____ by $\frac{1}{273}$ of its original volume

A

contracts

B

expands

C

shrink

D

squeezed

95

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Q 97

Fuels with higher octane number can be produce by_____?

A

Cracking

B

Reforming

C

Decomposition

D

Isomerisation

96

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Q 98

What is the correct general formula of Grignard reagent?

A

 RMX

B

 R_2MgX

C

 RMgX_2

D

 RMgX

97

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Q 99

Acetic acid can be used in_____?

A

In synthesizing pickles

B

In paints

C

In pesticides

D

all of these

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Q 100

Greater the value of principal quantum number n , the distance of electron from nucleus will be ____

A lower

B greater

C higher

D moderate

99

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Q 101

Which forces makes the liquefaction of He possible?

A

London Dispersion forces

B

Debye forces

C

Dipole-dipole force

D

H-bonding

100

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Q 102

which one of them can conduct electricity in solid state

A

diamond

B

graphite

C

Nail

D

iodine

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Q 103 The solution of phenol in water has a pH of about?

A 4-5

B 3-5

C 2-4

D 5-6

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Q 104

Which one of the following is correct structure of benzene?

A

Tetrahedral

B

Hexagonal planer

C

Hexagonal irregular

D

Trigonal planar

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Q 105

Which inert gas is mixed with oxygen gas by deep sea divers to adjust the partial pressure of oxygen gas

A Neon

B Helium

C Argon

D Krypton

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Q 106

From which of the following ketone can be prepared?

A

Propyne

B

Secondary alcohol

C

Ca Acetate

D

All of these

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Q 107

Wave packet or quantum is often called photon in case of _____

A

energy

B

brightness

C

light

D

darkness

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Q 108

Enzymes are _____?

A

Non-specific in action

B

Very reactive

C

Highly specific

D

Volatile

107

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Q 109

The positive sign in the rate expression for products depicts

A

Decrease in concentration

B

Increase in concentration

C

Increase in yield

D

decrease in temperature

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Q 110

Formaldehyde is used in vat dyeing as?

A

Coloring agent

B

Dehydrating agents

C

Decolorizing agent

D

Solubilizing agent

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Q 111 Aldehydes and ketones can be obtained by the

- A reduction of alcohol
- B oxidation of alcohol
- C dehydration of alcohol
- D hydrolysis of alcohol

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Q 112 Which of the following has six isotopes

A palladium

B tin

C cadmium

D carbon

111

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Q 113 The four C-H bond of methane are formed by overlap of

A sp^3-s

B sp^2-s^2

C sp^3-s^2

D sp^3-sp^3

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Q 114 Fumaric acid is converted into _____ in the presence of fumarase enzyme.

A Oxalic acid

B Phthalic acid

C Maleic acid

D Malonic acid

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Q 115

It is not possible for us to measure exact position and exact momentum of electron simultaneously is the statement of

A de-Broglie

B Mosley

C Heisenberg

D Neil Bohr

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Q 116 The critical volume of O_2 is ____ cm^3/mol

A 95.56 g/dm^3

B 64.51 g/dm^3

C 74.42 g/dm^3

D 99.9 g/dm^3

115

SKIPPED QUESTIONS [← Previous Question](#)[Next Question →](#)

Q 117 S-S bond is present in which of the ion pairs

A S₂O₇²⁻, S₂O₃²⁻

B S₄O₆²⁻, S₂O₇²⁻

C S₂O₇²⁻, S₂O₈²⁻

D S₄O₆²⁻, S₂O₃²⁻

116

SKIPPED QUESTIONS [< Previous Question](#)[Next Question >](#)

Q 118 Self-oxidation reduction reaction is also called as _____?

- A Dehydration
- B Condensation reaction
- C Disproportionation reaction
- D Proportionation reaction

117

SKIPPED QUESTIONS [< Previous Question](#)[Next Question >](#)

Q 119

The catalyst in the formation of ester from alcohol and a weak acid is

A

A base

B

Palladium

C

Nickel

D

A mineral Acid

118

SKIPPED QUESTIONS [< Previous Question](#)[Next Question >](#)

Q 120

Grignard reagent is produced by the reaction of Alkyl halides with_____?

A

Ca in anhydrous ether

B

Mg in dry ether

C

Mg in hydrous ether

D

Ca in dry ether

119

SKIPPED QUESTIONS 

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Next Question >

Q 121

Energy change is governed by

A

Heat

B

Work

C

Enthalpy

D

None of these

120

SKIPPED QUESTIONS 

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Next Question >

Q 122

Shape of benzene molecule is:

A

Hexagonal planar

B

Square planar

C

Trigonal planar

D

linear

121

SKIPPED QUESTIONS 

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Next Question >

Q 123

Those elements in which d or f orbitals are in the process of completion are called

A

Transition elements

B

Typical transition elements

C

Outer transition elements

D

Inner transition elements

122

SKIPPED QUESTIONS [< Previous Question](#)[Next Question >](#)

Q 124

Organic compounds are

A

Volatile

B

Non-volatile

C

fissible

D

None

123

SKIPPED QUESTIONS 

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Next Question >

Q 125

_____ relationship exists between current and voltage in terms of Ohm's law

A

Non linear

B

Varying

C

Linear

D

None of them

124

SKIPPED QUESTIONS [< Previous Question](#)[Next Question >](#)

Q 126

During the circular path in magnetic field, what is the magnetic force

A

$$F = qB$$

B

$$F = qB^2$$

C

$$F = qB/v$$

D

$$F = qvB$$

125

SKIPPED QUESTIONS [< Previous Question](#)[Next Question >](#)

Q 127 Joule - second is the unit of:

A Energy

B Heat

C Work

D Planck's constant

126

SKIPPED QUESTIONS 

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Next Question 

Q 128

A body is travelling in a circle of radius r at a speed v . Its centripetal acceleration will be:

A

$$a = r^2 / v$$

B

$$a = r / v$$

C

$$a = v^2 / r$$

D

$$a = v / r$$

127

SKIPPED QUESTIONS 

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Q 129

Kilowatt-hour(kWh) is a unit of?

A

Power

B

Energy

C

current

D

resistance

128

SKIPPED QUESTIONS 

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Next Question >

Q 130

The study of electric charges at rest in electric field is known as:...

A

electromagnetism

B

electrostatics

C

quantum physics

D

magnetism

129

SKIPPED QUESTIONS 

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Next Question >

Q 131

 β^- decay means emission of electron from

A

radioactive nucleus

B

innermost electron orbit

C

a stable nucleus

D

outer most electron orbit

130

SKIPPED QUESTIONS  Previous QuestionNext Question 

Q 132

Half wave rectifier uses

A

one diode

B

two diode

C

three diodes

D

Four diodes

131

SKIPPED QUESTIONS [← Previous Question](#)[Next Question →](#)

Q 133

The displacement is a....

A

vector quantity

B

scalar quantity

C

neither vector nor scalar quantity

D

dimensionless quantity

132

SKIPPED QUESTIONS  Previous QuestionNext Question 

Q 134

Moon is revolving around the earth, work done by the earth on the moon is

A

positive

B

zero

C

negative

D

none of these

133

SKIPPED QUESTIONS [< Previous Question](#)[Next Question >](#)

Q 135

Weber is the unit of _____

A

magnetic flux

B

electric flux

C

both a or b

D

none of these

134

SKIPPED QUESTIONS  Previous QuestionNext Question 

Q 136

A car of mass M is moving with speed v . The brake of mass m and specific heat capacity c , is used to stop the car. If half of the kinetic energy of the car is absorbed by the brake, then what is the increase in temperature of the brake?

A $Mv^2 \text{ ----- } 4mc$

B $Mv^2 \text{ ----- } 2mc$

C $mv^2 \text{ ----- } 4Mc$

D $mv^2 \text{ ----- } 2Mc$

135

SKIPPED QUESTIONS [< Previous Question](#)[Next Question >](#)

Q 137

Three types of radioactive elements are emitted when unstable nuclei undergo radioactive decay. Which of the following is not one of them

A alpha

B beta

C gamma

D delta

136

SKIPPED QUESTIONS [< Previous Question](#)[Next Question >](#)

Q 138

A square loop of side 2 m is placed in a 5 T of magnetic field. What will be the related flux?

A 2.5 Weber

B 5 weber

C 10 weber

D 20 weber

137

SKIPPED QUESTIONS [< Previous Question](#)[Next Question >](#)

Q 139

The current passing through a resistor in a circuit is 1 A when the voltage across the same resistor is 10 V. What is the value of current when the voltage across the resistor is 8 V?

A 0.8A

B 8A

C 80A

D 18A

138

SKIPPED QUESTIONS [< Previous Question](#)[Next Question >](#)

Q 140

instantaneous velocity is

A

always positive

B

always negative

C

positive and negative

D

not enough info

139

SKIPPED QUESTIONS 

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Next Question >

Q 141

Which two or more of the following actions would increase the energy stored in a parallel plate capacitor when a constant potential difference is applied across the plates?

- A Decreasing the area of the plates Decreasing the separation between the plates
- B Decreasing the area of the plates Increasing the separation between the plates Inserting a dielectric between the plates
- C Increasing the area of the plates Decreasing the separation between the plates Inserting a dielectric between the plates
- D Increasing the area of the plates Increasing the separation between the plates

140

SKIPPED QUESTIONS [< Previous Question](#)[Next Question >](#)

Q 142

Which one of the following statements is correct

- A the mass of the nucleus must be less than the sum of the masses of the constituent neutrons and protons.
- B the mass of the nucleus must be equal to the sum of the masses of the constituent neutrons and protons.
- C the mass of the nucleus must be greater than the sum of the masses of the constituent neutrons and protons.
- D the mass of the nucleus must be equal to only the masses of the constituent neutrons.

141

SKIPPED QUESTIONS [< Previous Question](#)[Next Question >](#)

Q 143

When electron strikes with Al plate which photon is emitted

A blue

B white

C purple

D none of these

142

SKIPPED QUESTIONS [← Previous Question](#)[Next Question →](#)

Q 144

When electron series terminates on 4th orbit ____ series is obtained

A

Balmer

B

Pfund

C

Paschen

D

none of these

143

SKIPPED QUESTIONS [< Previous Question](#)[Next Question >](#)

Q 145

When work done by force of gravity is negative (only gravity is acting)

A KE decreases

B PE increases

C both (A) and (B)

D none of these

144

SKIPPED QUESTIONS [< Previous Question](#)[Next Question >](#)

Q 146

Two forces of $F_1 = 5 \text{ N}$ and $F_2 = 15 \text{ N}$ are working on a body in opposite direction. If body displaced by 5 m in direction of net force, what will be the work done by F_1

A 25 J

B -25 J

C 50 J

D 75 J

145

SKIPPED QUESTIONS [< Previous Question](#)[Next Question >](#)

Q 147

Ripple factor is defined as

A

 I_{rms}/V_{rms}

B

 I_{dc}/I_{rms}

C

 I_{rms}/I_{dc}

D

 $I_{rms} + I_{dc}$

146

SKIPPED QUESTIONS [< Previous Question](#)[Next Question >](#)

Q 148

A 3 cm wire carrying a current of 10A is placed inside a solenoid of magnetic field 0.35 T .The Net force felt by wire is

A 11.5N

B 10.5N

C 9.5N

D 8.5N

147

SKIPPED QUESTIONS 

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Next Question >

Q 149 The down quark has charge_____

A $1/2^-$

B $1/2^+$

C $1/3^-$

D $2/3^+$

148

SKIPPED QUESTIONS 

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Q 150

Which one of them is a type of emission

A

spontaneous

B

stimulated

C

both a) and b)

D

None of these

149

SKIPPED QUESTIONS 

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Q 151

A body moves a distance of 10 m along a straight line under the action of 5 N force. If work done is 25 J, then angle between the force and direction of motion of the body will be:

A 75° B 60° C 45° D 30°

150

SKIPPED QUESTIONS [← Previous Question](#)[Next Question →](#)

Q 152

1 Watt =

A

1 VA

B

1V/A

C

1A/V

D

1/AV

151

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Q 153

Superposition of two waves having same frequency, same amplitude and travelling in the same direction, is called:

A interference

B diffraction

C beats

D stationary waves

152

SKIPPED QUESTIONS [< Previous Question](#)[Next Question >](#)

Q 154

Radiation can cause

A

burning

B

cancer

C

flu

D

all of these

153

SKIPPED QUESTIONS  Previous QuestionNext Question 

Q 155

The spectrum of perfect black body is

A

line

B

continuous

C

band

D

all of these

154

SKIPPED QUESTIONS 

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Q 156

"The amount of heat transfer required to raise the temperature of one mole of the gas through 1 K at constant pressure" is called:....

A The molar specific heat at constant pressure

B molar heat capacity

C specific latent heat

D specific heat capacity

155

SKIPPED QUESTIONS [< Previous Question](#)[Next Question >](#)

Q 157

If 1 mole of an ideal gas is heated at constant volume so that its temperature rises by ΔT , then first law of thermodynamics can be written as:...

A $\Delta U + C_v = \Delta T$

B $\Delta U = C_v - \Delta T$

C $\Delta U = C_v \Delta T$

D $\Delta U = C_v + \Delta T$

156

SKIPPED QUESTIONS [< Previous Question](#)[Next Question >](#)

Q 158

The electric potential difference between two points A and B in an electric field can be defined as:...

- A work done in carrying a unit positive charge from infinity to B while keeping the charge in equilibrium.
- B work done in carrying a unit positive charge from A to infinity while keeping the charge in equilibrium.
- C work done in carrying a unit positive charge from A to B while keeping the charge in equilibrium.
- D work done in carrying a unit positive charge from A to B

157

SKIPPED QUESTIONS [< Previous Question](#)[Next Question >](#)

Q 159 The efficiency of Carnot engine can never be 1, because:....

- A we can not achieve the higher temperature
- B we do not have an ideal working substance
- C there is always energy losses
- D we need cold reservoir at absolute zero temperature, which is not available

158

SKIPPED QUESTIONS 

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Q 160

There are three bulbs of 60W 100W and 200W. Which bulb has the thickest filament?

A 100W

B 200W

C 60W

D All

159

SKIPPED QUESTIONS [< Previous Question](#)[Next Question >](#)

Q 161

Angular velocity is also called as

A

Instantaneous velocity

B

Rotational velocity

C

Tangential velocity

D

Linear velocity

160

SKIPPED QUESTIONS [< Previous Question](#)[Next Question >](#)

Q 162

In SONAR we use:...

A

water waves

B

sound waves

C

microwaves

D

ultraviolet rays

161

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Q 163

Henry is unit of

A self inductance only

B mutual inductance

C both a) and b)

D emf

162

SKIPPED QUESTIONS 

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Next Question >

Q 164 Acceleration of rolling object is zero at _____ point of hill

A highest

B lowest

C middle

D none of these

163

SKIPPED QUESTIONS 

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Next Question 

Q 165

Faraday's law explains how electric field will interact with

A electric field

B magnetic field

C battery

D none of these

164

SKIPPED QUESTIONS 

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Next Question >

Q 166

The tires on a bicycle have a diameter of 24 inches. If the tires are turning at a rate of 50 revolutions per minute, determine the bicycle's speed in miles per hour (mph).

A 3.1

B 6.3

C 3.9

D 3.6

165

SKIPPED QUESTIONS 

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Q 167

The output voltage of a rectifier is

A

smooth

B

pulsating

C

perfectly direct

D

alternating

166

SKIPPED QUESTIONS  Previous QuestionNext Question 

Q 168

Consider a displacement-time graph of an object moving along x-axis. Then negative gradient of the graph represents:...

- A velocity in x-direction
- B velocity in negative x-direction
- C acceleration in x-direction
- D acceleration in negative x-direction

167

SKIPPED QUESTIONS 

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Q 169

Which of the following statements is incorrect about the photons

A

Momentum of photon h/λ

B

Rest mass of photon is zero

C

photon exert no pressure

D

Energy of photon is $h\nu$

168

SKIPPED QUESTIONS [< Previous Question](#)[Next Question >](#)

Q 170

_____ are such nuclei of an element that have the same mass number A , but have different charge number Z

A

isotopes

B

isobars

C

isomers

D

isotherms

169

SKIPPED QUESTIONS [< Previous Question](#)[Next Question >](#)

Q 171

In a rectifier, larger the value of shunt capacitor filter

A

larger the peak-to-peak value of ripple voltage

B

larger the peak current in the rectifying diode

C

longer the time that current pulse flows through the diode

D

smaller the dc voltage across the load

170

SKIPPED QUESTIONS [< Previous Question](#)[Next Question >](#)

Q 172

P-V diagram of a diatomic gas is a straight line passing through origin. What is the molar heat capacity of the gas in the process?

A R B $1.5R$ C $3R$ D $4R/3$

171

SKIPPED QUESTIONS [< Previous Question](#)[Next Question >](#)

Q 173

A stationary wave is formed in a pipe which is open at both ends. If length of pipe is 10 cm, then what is the maximum possible wavelength of the wave.

A 20 cm

B 5 cm

C 10 cm

D 30 cm

172

SKIPPED QUESTIONS [< Previous Question](#)[Next Question >](#)

Q 174

The flow of heat energy from hot to cold body is a/an ____ process

A

reversible

B

irreversible

C

depends on conditions

D

conduction process

173

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Q 175

1 light year distance is

A

distance travelled by earth in one year

B

distance travelled by star in one year

C

distance travelled by light in one year

D

distance travelled by light in one galactic year

174

SKIPPED QUESTIONS  Previous QuestionNext Question 

Q 176

Kinetic energy of the body is increased by the 21 %. what is the percentage change in the linear momentum of the body

A 0.21

B 0.22

C 0.11

D 0.1

175

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Q 177

Resistivity of a wire is ____ ohm-m if 0.75 A current flows through it by applying 1.5 V potential difference, take length and cross section as 5m and $2.5 \times 10^{-7} \text{ m}^2$.

A

 1×10^{-7}

B

 2.63×10^{-8}

C

 19×10^{-8}

D

 7.85×10^{-8}

176

SKIPPED QUESTIONS 

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Q 178

A 220 V main supply is connected to a resistance of 100 k ohms. The effective current is

A 2.2 mA

B $2.2/\sqrt{2}$ mA

C $2.2\sqrt{2}$ mA

D none of the above

177

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Q 179

Electric current may be defined as

A

Rate of flow of charge

B

Rate of flow of momentum

C

Rate of flow of power

D

None of them

178

SKIPPED QUESTIONS [< Previous Question](#)[Next Question >](#)

Q 180

When a charge passes through a region undeflected then with $F_e = F_m$, _____

A

 $B=0$

B

 $B \perp E$

C

both

D

none

179

SKIPPED QUESTIONS [< Previous Question](#)[Next Question >](#)

Comprehend key vocabulary

Q 181 One bad exam result and all her dreams were _____

A fled

B shattered

C fulfilled

D floating

180

SKIPPED QUESTIONS [< Previous Question](#)[Next Question >](#)

Demonstrate correct use of articles and prepositions

Q 182

_____ butter is melting

A

A

B

An

C

The

D

no article

181

SKIPPED QUESTIONS 

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Next Question 

Demonstrate control of tenses and sentence structure

Q 183

My father ____ in 1956.

A

died

B

dies

C

had die

D

has died

182

SKIPPED QUESTIONS 

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Next Question >

Demonstrate correct use of articles and prepositions Demonstrate correct use of subject-verb agreement

Demonstrate correct use of writing conventions of spelling, capitalization and punctuation to clarify meaning

Q 184

Choose the correct sentence.

A

The weather in August is ususally very humid!

B

The weather in August is ususally very humid.

C

The weather in august is ususally very humid.

D

The weather in August is ususally very Humid.

183

SKIPPED QUESTIONS 

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Next Question 

Demonstrate correct use of articles and prepositions Demonstrate correct use of subject-verb agreement

Demonstrate correct use of writing conventions of spelling, capitalization and punctuation to clarify meaning

Q 185

When the dentist came in (A), my tooth was stopped aching (B)/ out of fear (C) that I might loose my tooth.
(D)

A

When the dentist came in

B

my tooth was stopped aching

C

out of fear

D

that i might loose my tooth.

184

SKIPPED QUESTIONS 

 Previous Question

Next Question 

Demonstrate correct use of subject-verb agreement

Q 186 Either my mother or my father _____ coming to the meeting.

A is

B are

C are being

D has

185

SKIPPED QUESTIONS 

 Previous Question

Next Question 

Demonstrate control of tenses and sentence structure

Q 187 The earth _____ around the sun.

A move

B moves

C moved

D has been moving

186

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Demonstrate correct use of articles and prepositions Demonstrate correct use of subject-verb agreement

Demonstrate correct use of writing conventions of spelling, capitalization and punctuation to clarify meaning

Q 188

Choose the correct sentence.

A

My g.p. is called Dr. Sajjad.

B

My g.p. is called Dr. sajjad.

C

My G.P. is called Dr. Sajjad.

D

My G.P, is called Dr. Sajjad.

187

SKIPPED QUESTIONS 

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Next Question 

Comprehend key vocabulary

Q 189 It is necessary to _____ standards are maintained.

A control

B influence

C ensure

D insure

188

SKIPPED QUESTIONS [← Previous Question](#)[Next Question →](#)

Demonstrate control of tenses and sentence structure

Q 190

Which tense would you use for talking about your daily routine?

A

Present

B

past

C

future

D

none of these

189

SKIPPED QUESTIONS 

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Next Question >

Demonstrate correct use of articles and prepositions

Q 191 There's _____ little rice left.

A a

B an

C the

D no article

190

SKIPPED QUESTIONS 

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Next Question 

Demonstrate control of tenses and sentence structure

Q 192

We _____ (see) lots of things.

A

see

B

saw

C

will see

D

have seen

191

SKIPPED QUESTIONS 

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Next Question >

Demonstrate correct use of subject-verb agreement

Q 193 The chances of your being promoted _____ excellent.

A is

B are

C was

D be

192

SKIPPED QUESTIONS 

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Next Question 

Comprehend key vocabulary

Q 194

relinquish

A

use

B

surrender

C

increase

D

retain

193

SKIPPED QUESTIONS 

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Next Question 

Demonstrate correct use of writing conventions of spelling, capitalization and punctuation to clarify meaning

Q 195

Choose the correct spelling of the word

A believe

B belive

C bileve

D beleave

194

SKIPPED QUESTIONS 

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Next Question 

Demonstrate correct use of writing conventions of spelling, capitalization and punctuation to clarify meaning

Q 196 how are

A howre

B howr'e

C ho'wre

D how're

195

SKIPPED QUESTIONS 

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Next Question 

Demonstrate control of tenses and sentence structure

Q 197

What a tragedy!

A

Declarative

B

Imperative

C

Interrogative

D

Exclamatory

196

SKIPPED QUESTIONS  Previous QuestionNext Question 

Comprehend key vocabulary

Q 198 When she parted _____ her parents, her eyes were full of tears.

A from

B away

C off

D with

197

SKIPPED QUESTIONS [← Previous Question](#)[Next Question →](#)

Demonstrate correct use of articles and prepositions Demonstrate correct use of subject-verb agreement

Demonstrate correct use of writing conventions of spelling, capitalization and punctuation to clarify meaning

Q 199

Choose the correct sentence.

A

I can't see Tims car, there must have been an accident.

B

I can't see Tim's car, there must have been an accident.

C

I can't see Tims car there must have been an accident.

D

I can't see Tims car; there must have been an accident.

198

SKIPPED QUESTIONS 

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Next Question 

Demonstrate correct use of subject-verb agreement

Q 200

She will _____ her lesson for two months next week.

A has learnt

B have been learning

C has been learning

D has been learns

199

SKIPPED QUESTIONS 

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Next Question 

Dependent Causes/ Independent Causes/

Q 201

Statement: Large number of people living in the low-lying areas has been evacuated during the last few days to safer places. The government has rushed in relief supplies to the people living in the affected areas.

- A Statement I is the cause and statement II is its effect.
- B Statement II is the cause and statement I is its effect
- C Both the statements I and II are independent causes
- D Both the statements I and II are effects of some common cause

200

SKIPPED QUESTIONS 

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Next Question >

Essential parts

Q 202

What should come next to it bonus

A

reward

B

raise

C

employer

D

cash

201

SKIPPED QUESTIONS 

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Next Question >

Statements and Actions

Q 203

Statement As stated in the recent census report the female to male ratio is alarmingly low. I. The government should conduct another census to verify the results. II. The government should immediately issue orders to all the departments to encourage people to improve the ratio.

A Both of them follows

B None of them follows

C Only I follows

D Only II follows

202

SKIPPED QUESTIONS [< Previous Question](#)[Next Question >](#)

Directions to solve

Q 204

The hotel is two blocks east of the drugstore. The market is one block west of the hotel. The drugstore is west of the market. If the first two statements are true, the third statement is

A Ture

B FALSE

C maybe

D unresolved

203

SKIPPED QUESTIONS 

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Statements and Actions

Q 205

Statement The availability of imported fruits has increased in the indigenous market and so the demand for indigenous fruits has been decreased. I. To help the indigenous producers of fruits, the Government should impose high import duty on these fruits, even if these are not of good quality. II. The fruit vendors should stop selling imported fruits. So that the demand for indigenous fruits would be increased.

A both of them follows

B None of them follows

C Only I follows

D Only II follows

204

SKIPPED QUESTIONS [< Previous Question](#)[Next Question >](#)

Dependent Causes/ Independent Causes/

Q 206

Statement: Majority of the citizens in the locality belongs to higher income group. The sales in the local supermarket are comparatively much higher than in other localities.

- A Statement I is the cause and statement II is its effect.
- B Statement II is the cause and statement I is its effect
- C Both the statements I and II are independent causes
- D Both the statements I and II are effects of independent causes

205

SKIPPED QUESTIONS 

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Complete the series

Q 207

Quote and Poet have _____ number of same letters

A

5

B

4

C

3

D

2

206

SKIPPED QUESTIONS 

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Next Question >

Logical Games

Q 208

If '-' means '+', '+' means '-', '*' means '÷' and '÷' means '*' then which of the following will be the correct equation?

A $30 + 5 + 14 - 10 * 15 = 122$

B $10 + 5 - 14 \div 10 * 15 = 158$

C $30 - 5 + 14 \div 10 * 15 = 162$

D $30 * 5 - 4 \div 10 + 15 = 31$

207

SKIPPED QUESTIONS 

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Next Question >

Verbal Reasoning

Q 209

FESCO stands for _____

A Faizabad Electricity Supply Company

B Frontier Electricity Supply Company

C Faisalabad Electric Supply Company

D Federal Electric Supply Company

208

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Answer on Passage

Q 210

A four-person crew from Classic Colors is painting Mr. Zohaib's house. Ahmed is painting the front of the house. Maira is in the alley behind the house painting the back. Ayesha is painting the window frames on the north side, Hamza is on the south. If Zohaib switches places with Ayesha, and Ayesha then switches places with Hamza, where is Hamza?

A in the alley behind the house

B on the north side of the house

C in front of the house

D on the south side of the house

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SKIPPED QUESTIONS  Previous Question

Submit

Answer on Passage

Q 210

A four-person crew from Classic Colors is painting Mr. Zohaib's house. Ahmed is painting the front of the house. Maira is in the alley behind the house painting the back. Ayesha is painting the window frames on the north side, Hamza is on the south. If Zohaib switches places with Ayesha, and Ayesha then switches places with Hamza, where is Hamza?

Confirm test submission

Are you sure you want to submit the test? In case you have skipped some questions, you can attempt them now.

A

in the alley behind the house

✓ Submit Test

B

↶ View Skipped Questions
on the north side of the house

✗ Cancel

C

in front of the house

D

on the south side of the house

209

SKIPPED QUESTIONS ⤴

[⬅ Previous Question](#)[Submit](#)

Q1

The best function of coelom is described as

A

To increase the size of the animals

B

To help in the functioning of reproductive system

C

To provide space for the development of organs and systems

D

all of these

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Q2

The floor of the chest is called:

A

alveoli

B

trachea

C

diaphragm

D

bronchi

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Q3

Pancreatic zymogens are only activated when they reached at?

A

stomach

B

pancreas

C

small intestine

D

large intestine

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Q4

Irreversible modifications require the synthesis of which of the following?

A

enzymes

B

carbohydrates

C

vitamins

D

proteins

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Q5

What is the size of Parvovirus?

A

200 nm

B

20nm

C

30 nm

D

100 nm

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Q6

The loss of liquid via the hydathodes is called:

A

ascent of sap

B

plasmolysis

C

imbibition

D

guttation

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Q7 Which method is of asexual reproduction?

A sporulation

B fission

C apomixis

D all of these

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Q8

Secondary cell wall of sclerenchyma cells is impregnated with?

A

cellulose

B

lignin

C

murein

D

pectin

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Q9 The lighter, inner section of the brain is called:

A white matter

B Gray matter

C Reflex arc

D Medulla

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Q10

Compound Microscope was first used by

A

A.V. Leeuwenhoek

B

Pasteur

C

Janssen and Hans

D

None of these

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Q11

If an individual does not reproduce then it's degree of fitness is?

A

100

B

50

C

40

D

0

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Q12

Reflex action is controlled by:

A

Peripheral nervous system

B

Central nervous system

C

autonomic nervous system

D

Circulatory system

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Q13

What is the color of Xanthophyll pigment?

A

Yellow

B

Red

C

Orange

D

Green

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Q14

Function of Smooth Endoplasmic Reticulum (SER) is _____.

A

Synthesis of intracellular proteins.

B

Synthesis of extracellular proteins.

C

Synthesis of extracellular enzymes.

D

Synthesis of lipids.

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Q15

Proteins and lipids are converted into glycolipids and glycoproteins by adding carbohydrates by?

A

ribosomes

B

cytoplasm

C

golgi apparatus

D

endoplasmic reticulum

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Q16

Which of the following is a oviparous animal?

A

pidgeon

B

elephant

C

sheep

D

humans

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Q17

Interneuron is also known as:

A

Relay neuron

B

Sensory neuron

C

Mixed neuron

D

Synapse

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Q18

An activated enzyme consisting of polypeptide chain and a cofactor is called?

A

Apoenzyme

B

Holoenzyme

C

Activated enzyme

D

both b and c

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Q19

Which of the following is the respiratory surface in human beings?

A

Lungs

B

alveoli

C

Windpipe

D

alveolar duct

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Q20

How is the Hepatitis A virus transmitted?

A

Feaces

B

Sexual contact

C

blood

D

all

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Q21

Which structural organization is most common in globular proteins?

A

primary structure

B

secondary structure

C

tertiary structure

D

quaternary structure

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Q22

Which of the following best describes a coenzyme?

A

Covalently bonded non-protein part of an enzyme

B

cofactor consists of metal ions

C

Loosely bonded non-protein part of an enzyme

D

both a and b

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Q23

Which scientist does not match his achievements in the following options?

A

Lamarck published his theory of evolution

B

Lyell published principles of geology

C

Malthus published essay on principle of population

D

Cuvier published papers on inheritance

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Q24

A behaviour of the detect and move in response to chemical signals is termed as

A

chemotaxis

B

chemonolysis

C

chemography

D

chemospytheses

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Q25

The nerves that are responsible for innervating muscle fibers are called

A

sensory nerves

B

motoneurons

C

Cranial nerves

D

Optic nerve

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Q26

What type of bonding in proteins maintains the integrity of the helical secondary structure?

A

Hydrogen bonds

B

ionic bonds

C

disulfide linkages

D

both a and b

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Q27

In the process of esterification OH is derived from?

A

ether

B

alcohol

C

water

D

both a and b

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Q28

The medulla oblongata is found on which of the following regions?

A

top of brain

B

behind the thalamus

C

behind the hypothalamus

D

top of spinal cord

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Q29

The types of gametes produced by two pairs of chromosomes can be?

A 2

B 4

C 6

D 8

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Q30

Which chemical reactions occur during the process of photosynthesis?

A

Oxidation

B

reduction

C

both a and b

D

none of these

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Q31

A woman receives her X chromosome from:

A

Her mother only

B

Both her mother and her father

C

Her father only

D

Extra nuclear DNA in her mother's egg

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Q32

Sertoli cells are responsible for which of the following?

A

Provide liquid medium to cells in testes

B

Provide protection and nourishment to cells

C

Secrete testosterone

D

both a and b

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Q33

The fibrous bands that are stretched across the voice box are known as

A

Voice box

B

bronchioles

C

Vocal cords

D

Vocal duct

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Q34

Sensory areas that receive impulses from the skin are contained by which of the following?

A

frontal lobe

B

parietal lobe

C

occipital lobe

D

temporal lobe

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Q35

Which of the following is the best description of a bacteriophage?

A

fungus

B

prokaryote

C

living organism

D

obligate intracellular parasite

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Q36

Polychaeta have which of the following organs?

A

tentacles

B

palps

C

eyes

D

all of these

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Q37

The researcher notices that round seeds occur naturally in the environment. Based solely on this information, what can the researcher conclude about the round phenotype?

A It is dominant

B It is recessive

C It is wild type

D both a and b

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Q38

The fluidity of the plasma membrane increases with which of the following?

A

Increase in saturated fatty acids in the membrane

B

Increase in glycolipid content in the membrane

C

Increase in phospholipid content in the membrane

D

Increase in unsaturated fatty acids in the membrane

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Q39

Excretory system of platyhelminthes consists of which of the following?

A

Nephridia

B

flame cells

C

malpighian tubules

D

nephrons

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Q40

Which is the largest cell in the human body?

A

macrophage

B

ovum

C

granule cell

D

none of these

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Q41

Changes in sarcomere length are due to the filaments pulled along the thick filaments in the direction of the:

A

H zone

B

M line

C

Z line

D

I band

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Q42 The best definition of natural selection is?

A survival of the fittest

B the most fit individuals adapt to their environment better than less fit individuals

C those who eat better, are healthier, and live longer are the most fit within a population

D preservation of traits that lead to increased survival and reproduction

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Q43

The ultimate source of all the change is?

A

migration

B

mutation

C

genetic drift

D

selection

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Q44

Homology means

A

similiary in characteristics resulting from common ancestors

B

similarity in function from acquired characterists

C

study of similar organs but with different functions

D

study of similar ograms but with different functions

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Q45

Which cell is the longest in the human body?

A

muscle cells

B

nerve cells

C

bone cells

D

gland cells

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Q46

What type of inhibition effects both the Michaelis constant and the maximum reaction rate of an enzyme?

A

Non-competitive inhibition

B

Competitive inhibition

C

Uncompetitive inhibition

D

all of these

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Q47

All of the following statements are true regarding the attachment or adsorption of the virion to the host cell EXCEPT that:

- A for naked virions, the surface capsid proteins are responsible for binding to a specific cell receptor.
- B for enveloped viruses, the spikes are responsible for binding to a specific cell receptor.
- C cell lacking a receptor for a specific virus is not infected by that virus.
- D All of the above

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Q48

The last common ancestor of humans is known to be which of the following?

A

Homo neanderthalensis

B

Lemuroidea

C

Dromaeosaurus

D

Pan troglodytes

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Q49

Radial symmetry is found in which of the following organisms?

A

Coelenterata and Platyhelminthes

B

Arthropoda and Mollusca

C

Porifera and Coelenterata

D

Coelenterata and Echinodermata

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Q50

Which of the following is a phospholipid?

A

sterol

B

cholesterol

C

lecithin

D

steroid

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Q51

The follicle cells, after release of the egg, are modified to form a special structure called:

A

Endometrium

B

Perimetrium

C

Corpus luteum

D

None of these

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Q52

Complete breakdown of glucose molecule takes place in which of the following?

A

Alcoholic fermentation

B

Lactic acid fermentation

C

aerobic respiration

D

none of these

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Q53

Structures that were once functional in the past but no longer serve a purpose due to evolutionary adaptations and physiological changes are referred to as?

A

vestigial

B

analogous structures

C

homologous structures

D

none of these

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Q54

Cnidaria is characterized by which of the following?

A

Tissue level of organization

B

Nematoblasts

C

Coelenteron

D

all of these

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Q55

What is the chemical characteristic of auxins?

A

Indole propionic acid

B

Indole carboxylic acid.

C

Indole acetaldehyde

D

Indole acetic acid.

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Q56

The optimum pH for the functioning of pancreatic lipase is?

A

8

B

9

C

7

D

6

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Q57

What are the end products of the ETC in animals?

A

ATP

B

carbon dioxide

C

water

D

both a and c

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Q58

Which brain part is responsible for our basic and primitive emotions?

A

Limbic system

B

Thalamus

C

hypothalamus

D

cerebrum

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Q59

Where in a leaf mesophyll cell would you find DNA molecules?

A

Nucleus only

B

Nucleus & mitochondria only

C

Nucleus, mitochondria & chloroplasts only

D

Nucleus, mitochondria, chloroplasts & plasmids only

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Q60

If Water is present on a cup placed on a table, what will be the system in this case?

A

Water

B

Water in cup

C

Whole table

D

All of these

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Q61

When an electron is added, energy is released, so electron affinity is given the

A

positive sign

B

negative sign

C

neutral

D

delta sign

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Q62

The break down of molecular ions from natural products give important information about

A

size

B

position

C

shape

D

structure

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Q63

Alkali metals group lies in ____?

A

d-block

B

s-block

C

f-block

D

P-block

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Q64

The equilibrium Constant is always written as a ratio of

A

Reactants over products

B

Products over reactants

C

Product times Reactants

D

None of these

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Q65

With the increasing molecular mass of hydrocarbons, they changes from

A

gases to liquids

B

liquids to solids

C

both A & B

D

none of these

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Q66

Melting point of crystalline solids are

A

Fixed

B

Variable

C

have a range of value

D

None of these

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Q67

Conversion of Electrical energy into chemical energy is

A

Mechanical Energy

B

Electromechanical Energy

C

Electrochemistry

D

Chemical Energy

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Q68

The substance that is attached to the enzyme at specific place and converted into product is called as?

A

Co-factor

B

Iso-zyme

C

Active site

D

Substrate

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Q69

In which phase S_N2 reactions are favored?

A

Solid

B

Liquid

C

Gas

D

All of these

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Q70 At 0°C what is the physical state of water?

A Ice

B liquid

C Vapour

D Both ice and liquid

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Q71

A peptide having up to 10000 amino acids is called as _____?

A

Dipeptide

B

Protein

C

Polypeptide

D

Peptide

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Q72

Hydrolysis means reaction with

A

Oxygen

B

Hydrogen

C

Water

D

Air

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Q73

Large hydrocarbons are converted into smaller hydrocarbons by a process called as?

A

Reforming

B

Distillation

C

Cracking

D

Decomposition

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Q74

It is the fact that 22.414 dm³ of any gas has a different masses but the same number of _____

A

atoms

B

particles

C

molecules

D

none of these

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Q75

What is the empirical formula for the following molecular formula C_5H_{12}

A

 C_5H_{12}

B

 C_5H_6

C

 CH_2

D

 $C_{2.5}H_6$ [< Previous Question](#)[Next Question >](#)

Q76

As Reaction proceeds the concentration of reactants

A

decreases

B

Remain unchanged

C

increases

D

cannot be predicted

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Q77

Addition of ammonia and its derivative catalyze by_____?

A

Acid

B

Base

C

Oxidizing agents

D

Pd/C

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Q78

Standard Electrode potential is measured at

A

273K

B

293K

C

298K

D

292K

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Q79

Phenol is stronger acid then?

A

Carboxylic acids

B

Water

C

Acetic acid

D

None of these

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Q80

How many classes of enzymes are there according to International union of Biochemistry ?

A

Four

B

Six

C

Five

D

Two

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Q81

In which manner H-Bond is formed in HF molecule ?

A

Random

B

Zigzag

C

Tetrahedral

D

Linear

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Q82

The hydrogen gas bubbling into one molar solution of HCl has a pressure of

A

2 atm

B

780 mmHg

C

19 Psi

D

1 atm

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Q83

If a gas is warmed by 1 C, it will _____ by $1/273$ of its original volume

A

contracts

B

expands

C

shrink

D

squeezed

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Q84

Fuels with higher octane number can be produce by_____?

A

Cracking

B

Reforming

C

Decomposition

D

Isomerisation

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Q85

What is the correct general formula of Grignard reagent?

A

 RMX

B

 R_2MgX

C

 RMgX_2

D

 RMgX [< Previous Question](#)[Next Question >](#)

Q86

Acetic acid can be used in_____?

A

In synthesizing pickles

B

In paints

C

In pesticides

D

all of these

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Q87

Greater the value of principal quantum number n' , the distance of electron from nucleus will be ____

A

lower

B

greater

C

higher

D

moderate

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Q88

Which forces makes the liquefaction of He possible?

A

London Dispersion forces

B

Debye forces

C

Dipole-dipole force

D

H-bonding

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Q89

The solution of phenol in water has a pH of about?

A

4-5

B

3-5

C

2-4

D

5-6

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Q90

Which one of the following is correct structure of benzene?

A

Tetrahedral

B

Hexagonal planer

C

Hexagonal irregular

D

Trigonal planar

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Q91

Which inert gas is mixed with oxygen gas by deep sea divers to adjust the partial pressure of oxygen gas

A

Neon

B

Helium

C

Argon

D

Krypton

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Q92

From which of the following ketone can be prepared?

A

Propyne

B

Secondary alcohol

C

Ca Acetate

D

All of these

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Q93

Wave packet or quantum is often called photon in case of _____

A

energy

B

brightness

C

light

D

darkness

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Q94 Enzymes are _____?

A Non-specific in action

B Very reactive

C Highly specific

D Volatile

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Q95

The positive sign in the rate expression for products depicts

A

Decrease in concentration

B

Increase in concentration

C

Increase in yield

D

decrease in temperature

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Q96

Aldehydes and ketones can be obtained by the

A

reduction of alcohol

B

oxidation of alcohol

C

dehydration of alcohol

D

hydrolysis of alcohol

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Q97

Which of the following has six isotopes

A

palladium

B

tin

C

cadmium

D

carbon

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Q98

The four C-H bond of methane are formed by overlap of

A

sp^3-s

B

sp^2-s^2

C

sp^3-s^2

D

sp^3-sp^3

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Q99

Fumaric acid is converted into _____ in the presence of fumarase enzyme.

A

Oxalic acid

B

Phthalic acid

C

Maleic acid

D

Malonic acid

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Q100

It is not possible for us to measure exact position and exact momentum of electron simultaneously is the statement of

A

de-Broglie

B

Mosley

C

Heisenberg

D

Neil Bohr

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Q101

The critical volume of O_2 is ____ cm^3/mol

A

 $95.56g/dm^3$

B

 $64.51g/dm^3$

C

 $74.42g/dm^3$

D

 $99.9g/dm^3$

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Q102

S-S bond is present in which of the ion pairs

A

S2O7²⁻, S2O3²⁻

B

S4O6²⁻, S2O7²⁻

C

S2O7²⁻, S2O8²⁻

D

S4O6²⁻, S2O3²⁻

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Q103

Self-oxidation reduction reaction is also called as _____?

A

Dehydration

B

Condensation reaction

C

Disproportionation reaction

D

Proportionation reaction

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Q104

Grignard reagent is produced by the reaction of Alkyl halides with_____?

A

Ca in anhydrous ether

B

Mg in dry ether

C

Mg in hydrous ether

D

Ca in dry ether

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Q105

Energy change is governed by

A

Heat

B

Work

C

Enthalpy

D

None of these

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Q106

Shape of benzene molecule is:

A

Hexagonal planar

B

Square planar

C

Trigonal planar

D

linear

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Q107

Those elements in which d or f orbitals are in the process of completion are called

A

Transition elements

B

Typical transition elements

C

Outer transition elements

D

Inner transition elements

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Q108

Organic compounds are

A

Volatile

B

Non-volatile

C

fissible

D

None

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Q109

_____ relationship exists between current and voltage in terms of Ohm's law

A

Non linear

B

Varying

C

Linear

D

None of them

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Q110

During the circular path in magnetic field, what is the magnetic force

A

$$F = qB$$

B

$$F = qB^2$$

C

$$F = qB/v$$

D

$$F = qvB$$

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Q111

A body is travelling in a circle of radius r at a speed v . Its centripetal acceleration will be:

A

$$a = r^2 / v$$

B

$$a = r / v$$

C

$$a = v^2 / r$$

D

$$a = v / r$$

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Q112

Kilowatt-hour(kWh) is a unit of?

A

Power

B

Energy

C

current

D

resistance

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Q113

The study of electric charges at rest in electric field is known as:...

A

electromagnetism

B

electrostatics

C

quantum physics

D

magnetism

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Q114 β^- decay means emission of electron from

A radioactive nucleus

B innermost electron orbit

C a stable nucleus

D outer most electron orbit

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Q115

Half wave rectifier uses

A

one diode

B

two diode

C

three diodes

D

Four diodes

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Q116

The displacement is a:...

A

vector quantity

B

scalar quantity

C

neither vector nor scalar quantity

D

dimensionless quantity

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Q117

Moon is revolving around the earth, work done by the earth on the moon is

A

positive

B

zero

C

negative

D

none of these

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Q118

A car of mass M is moving with speed v . The brake of mass m and specific heat capacity c , is used to stop the car. If half of the kinetic energy of the car is absorbed by the brake, than what is the increase in temperature of the brake?

A

$$Mv^2 \text{ ----- } 4mc$$

B

$$Mv^2 \text{ ----- } 2mc$$

C

$$mv^2 \text{ ----- } 4Mc$$

D

$$mv^2 \text{ ----- } 2Mc$$

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Q119

Three types of radioactive elements are emitted when unstable nuclei undergo radioactive decay. Which of the following is not one of them

A

alpha

B

beta

C

gamma

D

delta

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Q120

A square loop of side 2 m is placed in a 5 T of magnetic field. What will be the related flux?

A

2.5 Weber

B

5 weber

C

10 weber

D

20 weber

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Q121

The current passing through a resistor in a circuit is 1 A when the voltage across the same resistor is 10 V. What is the value of current when the voltage across the resistor is 8 V?

A

0.8A

B

8A

C

80A

D

18A

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Q122

instantaneous velocity is

A

always positive

B

always negative

C

positive and negative

D

not enough info

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Q123

Which two or more of the following actions would increase the energy stored in a parallel plate capacitor when a constant potential difference is applied across the plates?

- A Decreasing the area of the plates Decreasing the separation between the plates
- B Decreasing the area of the plates Increasing the separation between the plates Inserting a dielectric between the plates
- C Increasing the area of the plates Decreasing the separation between the plates Inserting a dielectric between the plates
- D Increasing the area of the plates Increasing the separation between the plates

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Q124

Which one of the following statements is correct

- A the mass of the nucleus must be less than the sum of the masses of the constituent neutrons and protons.
- B the mass of the nucleus must be equal to the sum of the masses of the constituent neutrons and protons.
- C the mass of the nucleus must be greater than the sum of the masses of the constituent neutrons and protons.
- D the mass of the nucleus must be equal to only the masses of the constituent neutrons.

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Q125

When electron strikes with Al plate which photon is emitted

A

blue

B

white

C

purple

D

none of these

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Q126

When work done by force of gravity is negative (only gravity is acting)

A

KE decreases

B

PE increases

C

both (A) and (B)

D

none of these

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Q127

Two forces of $F_1 = 5 \text{ N}$ and $F_2 = 15 \text{ N}$ are working on a body in opposite direction. If body displaced by 5 m in direction of net force, what will be the work done by F_1

A 25 J

B -25 J

C 50 J

D 75 J

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Q128

Ripple factor is defined as

A

 I_{rms}/V_{rms}

B

 I_{dc}/I_{rms}

C

 I_{rms}/I_{dc}

D

 $I_{rms} + I_{dc}$

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Q129

A 3 cm wire carrying a current of 10A is placed inside a solenoid of magnetic field 0.35 T .The Net force felt by wire is

A

11.5N

B

10.5N

C

9.5N

D

8.5N

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Q130

The down quark has charge_____

A

 $\frac{1}{2}-$

B

 $\frac{1}{2}+$

C

 $\frac{1}{3}-$

D

 $\frac{2}{3}+$

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Q131

Which one of them is a type of emission

A

spontaneous

B

stimulated

C

both a) and b)

D

None of these

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Q132

A body moves a distance of 10 m along a straight line under the action of 5 N force. If work done is 25 J, then angle between the force and direction of motion of the body will be:

A 75°

B 60°

C 45°

D 30°

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Q133

Superposition of two waves having same frequency, same amplitude and travelling in the same direction, is called:

A

interference

B

diffraction

C

beats

D

stationary waves

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Q134

Radiation can cause

A

burning

B

cancer

C

flu

D

all of these

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Q135

The spectrum of perfect black body is

A

line

B

continuous

C

band

D

all of these

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Q136

"The amount of heat transfer required to raise the temperature of one mole of the gas through 1 K at constant pressure" is called:...

A

The molar specific heat at constant pressure

B

molar heat capacity

C

specific latent heat

D

specific heat capacity

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Q137

If 1 mole of an ideal gas is heated at constant volume so that its temperature rises by ΔT , then first law of thermodynamics can be written as:...

A

$$\Delta U + C_v = \Delta T$$

B

$$\Delta U = C_v - \Delta T$$

C

$$\Delta U = C_v \Delta T$$

D

$$\Delta U = C_v + \Delta T$$

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Q138

The electric potential difference between two points A and B in an electric field can be defined as:...

- A work done in carrying a unit positive charge from infinity to B while keeping the charge in equilibrium.
- B work done in carrying a unit positive charge from A to infinity while keeping the charge in equilibrium.
- C work done in carrying a unit positive charge from A to B while keeping the charge in equilibrium.
- D work done in carrying a unit positive charge from A to B

Q139

The efficiency of Carnot engine can never be 1, because:....

A

we can not achieve the higher temperature

B

we do not have an ideal working substance

C

there is always energy losses

D

we need cold reservoir at absolute zero temperature, which is not available

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Q140

Angular velocity is also called as

A

Instantaneous velocity

B

Rotational velocity

C

Tangential velocity

D

Linear velocity

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Q141

In SONAR we use:...

A

water waves

B

sound waves

C

microwaves

D

ultraviolet rays

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Q142

Henry is unit of

A

self inductance only

B

mutual inductance

C

both a) and b)

D

emf

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Q143

Acceleration of rolling object is zero at _____ point of hill

A

highest

B

lowest

C

middle

D

none of these

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Q144

Faraday's law explains how electric field will interact with

A

electric field

B

magnetic field

C

battery

D

none of these

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Q145

The tires on a bicycle have a diameter of 24 inches. If the tires are turning at a rate of 50 revolutions per minute, determine the bicycle's speed in miles per hour (mph).

A 3.1

B 6.3

C 3.9

D 3.6

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Q146

The output voltage of a rectifier is

A

smooth

B

pulsating

C

perfectly direct

D

alternating

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Q147

Consider a displacement-time graph of an object moving along x-axis. Then negative gradient of the graph represents:...

A

velocity in x-direction

B

velocity in negative x-direction

C

acceleration in x-direction

D

acceleration in negative x-direction

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Q148

_____ are such nuclei of an element that have the same mass number A , but have different charge number Z

A

isotopes

B

isobars

C

isomers

D

isotherms

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Q149

In a rectifier, larger the value of shunt capacitor filter

A

larger the peak-to-peak value of ripple voltage

B

larger the peak current in the rectifying diode

C

longer the time that current pulse flows through the diode

D

smaller the dc voltage across the load

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Q150

P-V diagram of a diatomic gas is a straight line passing through origin. What is the molar heat capacity of the gas in the process?

A

 R

B

 $1.5R$

C

 $3R$

D

 $4R/3$

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Q151

A stationary wave is formed in a pipe which is open at both ends. If length of pipe is 10 cm, then what is the maximum possible wavelength of the wave.

A 20 cm

B 5 cm

C 10 cm

D 30 cm

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Q152

The flow of heat energy from hot to cold body is a/an ____ process

A

reversible

B

irreversible

C

depends on conditions

D

conduction process

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Q153

What is the main source of carbohydrates for animals?

A

Glucose

B

starch

C

sucrose

D

glycogen

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Q154

Haemolymph is present in:

A

Amphibians

B

Reptiles

C

Fish

D

None of the above.

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Q155

The movement of genes from one species to another is?

A

penetrance

B

expressivity

C

codominance

D

linkage

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Q156

Kinetic energy of the body is increased by the 21 %. what is the percentage change in the linear momentum of the body

A 0.21

B 0.22

C 0.11

D 0.1

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Q157

Resistivity of a wire is ____ ohm-m if 0.75 A current flows through it by applying 1.5 V potential difference, take length and cross section as 5m and $2.5 \times 10^{-7} \text{ m}^2$.

A

 1×10^{-7}

B

 2.63×10^{-8}

C

 19×10^{-8}

D

 7.85×10^{-8}

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Q158

A 220 V main supply is connected to a resistance of 100 k ohms. The effective current is

A

2.2 mA

B

$2.2/\sqrt{2}$ mA

C

$2.2 \times \sqrt{2}$ mA

D

none of the above

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Q159

When a charge passes through a region undeflected then with $F_e = F_m$, _____

A

 $B=0$

B

 $B \perp E$

C

both

D

none

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Q160

One bad exam result and all her dreams were _____

A

fled

B

shattered

C

fulfilled

D

floating

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Q161

_____ butter is melting

A

A

B

An

C

The

D

no article

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Q162

My father ____ in 1956.

A

died

B

dies

C

had die

D

has died

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Q163

Choose the correct sentence.

A

The weather in August is ususally very humid!

B

The weather in August is ususally very humid.

C

The weather in august is ususally very humid.

D

The weather in August is ususally very Humid.

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Q164

When the dentist came in (A), my tooth was stopped aching (B)/ out of fear (C) that I might loose my tooth. (D)

A

When the dentist came in

B

my tooth was stopped aching

C

out of fear

D

that i might loose my tooth.

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Q165

Either my mother or my father _____ coming to the meeting.

A

is

B

are

C

are being

D

has

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Q166

Choose the correct sentence.

A

My g.p. is called Dr. Sajjad.

B

My g.p. is called Dr. sajjad.

C

My G.P. is called Dr. Sajjad.

D

My G.P, is called Dr. Sajjad.

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Q167

It is necessary to _____ standards are maintained.

A

control

B

influence

C

ensure

D

insure

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Q168

Which tense would you use for talking about your daily routine?

A

Present

B

past

C

future

D

none of these

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Q169

There's _____ little rice left.

A

a

B

an

C

the

D

no article

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Q170

We _____ (see) lots of things.

A

see

B

saw

C

will see

D

have seen

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Q171 The chances of your being promoted _____ excellent.

A is

B are

C was

D be

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Q172

relinquish

A

use

B

surrender

C

increase

D

retain

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Q173

how are

A

howre

B

howr'e

C

ho'wre

D

how're

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Q174

What a tragedy!

A

Declarative

B

Imperative

C

Interrogative

D

Exclamatory

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Q175

When she parted _____ her parents, her eyes were full of tears.

A

from

B

away

C

off

D

with

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Q176

Choose the correct sentence.

A

I can't see Tims car, there must have been an accident.

B

I can't see Tim's car, there must have been an accident.

C

I can't see Tims car there must have been an accident.

D

I can't see Tims car; there must have been an accident.

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Q177

She will _____ her lesson for two months next week.

A

has learnt

B

have been learning

C

has been learning

D

has been learns

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Q178

Statement: Large number of people living in the low-lying areas has been evacuated during the last few days to safer places. The government has rushed in relief supplies to the people living in the affected areas.

A

Statement I is the cause and statement II is its effect.

B

Statement II is the cause and statement I is its effect

C

Both the statements I and II are independent causes

D

Both the statements I and II are effects of some common cause

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Q179

What should come next to it bonus

A

reward

B

raise

C

employer

D

cash

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Q180

Statement As stated in the recent census report the female to male ratio is alarmingly low. I. The government should conduct another census to verify the results. II. The government should immediately issue orders to all the departments to encourage people to improve the ratio.

A Both of them follows

B None of them follows

C Only I follows

D Only II follows

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Q181

Statement The availability of imported fruits has increased in the indigenous market and so the demand for indigenous fruits has been decreased. I. To help the indigenous producers of fruits, the Government should impose high import duty on these fruits, even if these are not of good quality. II. The fruit vendors should stop selling imported fruits. So that the demand for indigenous fruits would be increased.

A both of them follows

B None of them follows

C Only I follows

D Only II follows

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Q182

Statement: Majority of the citizens in the locality belongs to higher income group. The sales in the local supermarket are comparatively much higher than in other localities.

A

Statement I is the cause and statement II is its effect.

B

Statement II is the cause and statement I is its effect

C

Both the statements I and II are independent causes

D

Both the statements I and II are effects of independent causes

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Q183

Quote and Poet have _____ number of same letters

A

5

B

4

C

3

D

2

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Q184

If '-' means '+', '+' means '-', '*' means '÷' and '÷' means '*' then which of the following will be the correct equation?

A

$$30 + 5 + 14 - 10 * 15 = 122$$

B

$$10 + 5 - 14 \div 10 * 15 = 158$$

C

$$30 - 5 + 14 \div 10 * 15 = 162$$

D

$$30 * 5 - 4 \div 10 + 15 = 31$$

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Q185

FESCO stands for _____

A

Faizabad Electricity Supply Company

B

Frontier Electricity Supply Company

C

Faisalabad Electric Supply Company

D

Federal Electric Supply Company

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Q186

A four-person crew from Classic Colors is painting Mr. Zohaib's house. Ahmed is painting the front of the house. Maira is in the alley behind the house painting the back. Ayesha is painting the window frames on the north side, Hamza is on the south. If Zohaib switches places with Ayesha, and Ayesha then switches places with Hamza, where is Hamza?

A in the alley behind the house

B on the north side of the house

C in front of the house

D on the south side of the house

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Q187

The number of stages involved in heart beat is

A

2

B

3

C

4

D

5

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Q188

Molecular formula of chlorophyll b is?

A

 $C_{55}H_{10}O_4N_6Mg$

B

 $C_{55}H_{70}O_6N_5Mg$

C

 $C_{55}H_{71}O_6N_4Mg$

D

 $C_{55}H_{70}O_6N_4Mg$

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Q189

The length of the following is reduced when the muscle contracts:

A

H-zone

B

I-band

C

sarcomere

D

Both A & B

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Q190

The specific location of gene and DNA sequence on a chromosome is called?

A

population

B

locus

C

allele

D

none of these

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Q191

The process that does not occur during expiration is:

A

intercostal muscles are relaxed

B

ribs are relaxed

C

muscles of diaphragm are relaxed

D

Lungs are relaxed

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Q192

During transport of carbon dioxide, blood does not become acidic due to:

A

Blood buffer

B

Neutralization of H_2CO_3 by Na_2CO_3

C

Absorption by leukocytes

D

Non-accumulation

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Q193 Isopentane is an example of _____?

A Aromatic compounds

B Branched chain compound

C Alicyclic compounds

D None of these

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Q194

The strength of intermolecular forces in liquids, solids and gases depends directly on

A

speed of atoms

B

motion of particles

C

distance b/w molecules

D

all of these

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Q195

The boiling point of water is lower than HF because of ___ hydrogen bonding

A

strong

B

moderate

C

weak

D

constant

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Q196

Melting and Boiling points depends on_____?

A

Number of electrons

B

Number of Unpaired electrons

C

Number of Paired electrons

D

Number of Protons

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Q197

which one of them can conduct electricity in solid state

A

diamond

B

graphite

C

Nail

D

iodine

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Q198

Formaldehyde is used in vat dyeing as?

A

Coloring agent

B

Dehydrating agents

C

Decolorizing agent

D

Solubilizing agent

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Q199

The catalyst in the formation of ester from alcohol and a weak acid is

A

A base

B

Palladium

C

Nickel

D

A mineral Acid

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Q200

Joule - second is the unit of:

A

Energy

B

Heat

C

Work

D

Planck's constant

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Q201

Weber is the unit of _____

A

magnetic flux

B

electric flux

C

both a or b

D

none of these

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Q202

1 Watt =

A

1 VA

B

1V/A

C

1A/V

D

1/AV

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Q203

There are three bulbs of 60W 100W and 200W. Which bulb has the thickest filament?

A

100W

B

200W

C

60W

D

All

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Q204

1 light year distance is

A

distance travelled by earth in one year

B

distance travelled by star in one year

C

distance travelled by light in one year

D

distance travelled by light in one galactic year

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Q205

Electric current may be defined as

A

Rate of flow of charge

B

Rate of flow of momentum

C

Rate of flow of power

D

None of them

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Q206

When electron series terminates on 4th orbit ____ series is obtained

A

Balmer

B

Pfund

C

Paschen

D

none of these

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Q207

Which of the following statements is incorrect about the photons

A

Momentum of photon h/λ

B

Rest mass of photon is zero

C

photon exert no pressure

D

Energy of photon is $h\nu$

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Q208

The earth _____ around the sun.

A

move

B

moves

C

moved

D

has been moving

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Q209

The hotel is two blocks east of the drugstore. The market is one block west of the hotel. The drugstore is west of the market. If the first two statements are true, the third statement is

A

True

B

FALSE

C

maybe

D

unresolved

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Q210

Choose the correct spelling of the word

A

believe

B

belive

C

bileve

D

beleave

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Q210

Choose the correct spelling of the word

A

believe

B

belive

C

bileve

D

beleave

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